

HUSKY A300™

UNMANNED GROUND VEHICLE



BUILT FOR ADVENTURE: FAST, TOUGH, VERSATILE

EXCEPTIONAL PERFORMANCE

Husky is an open-source robotic platform with a high-powered drive train that delivers a **max. speed of 2 m/s** and a robust **payload capacity of 100 kg**. With up to **12 hours of runtime**, Husky excels in lengthy deployments, ensuring your team gets the most out of every day in the field.

RUGGED & ALL TERRAIN

Engineered for the toughest environments, Husky features a sturdy aluminum chassis, an **IP54** rating, and a high-torque drivetrain powered by four in-wheel brushless motors. Whether it's rocky terrain, hills, mud, sand, or inclement weather, Husky is up for the challenge.

BUILD & EXPAND

Easily tailor Husky to your project by effortlessly integrating third-party sensors and accessories. Whether you are testing novel autonomy algorithms, developing a robust prototype, or deploying a robotic solution to do real-world work, Husky is up for the challenge.



Contact us today for pricing and a free 30 minute technical assessment: **1-800-301-3863**

TECHNICAL SPECIFICATIONS



SIZE	990 x 698 x 381 mm (38.9 x 27.5 x 15 inch)	DRIVE TRAIN	Four Brushless Motors, Skid Steer	AVERAGE RUN TIME	4 Hours - Upgrade to 8 or 12 Hours
WEIGHT	80 kg (176 lb)	MAX SPEED	2 m/s (4.4mph)	ROS COMPATABILITY	ROS 2 Jazzy
MAX PAYLOAD	100 kg (220 lb)	BATTERY	LiFePO4, 40 Ah @ 25.6 V	IP RATING	IP54
CLEARANCE	139 mm (5.4 inch)	CHARGE TIME	3 - 4 Hours	STANDARDS COMPLIANCE	FCC Part 15 Subpart B / ICES-003 FCC Part 18 / ICES-002 ISO 12100 Risk Assessment

HUSKY AMP



THE FASTEST PATH TO BUILDING AUTONOMOUS ROBOTICS SOLUTIONS

Built on the rugged and customizable Husky A300 mobile base, **Husky AMP** (Autonomous Mobile Platform) is designed to simplify and accelerate the development of autonomous solutions — no robotics engineering degree required!

Integrated Sensor Suite

Husky AMP comes equipped with all the necessary sensors for effective autonomous navigation right out of the box.

Industry Leading Autonomy Software

Powered by Clearpath's **OutdoorNav** autonomy software, Husky AMP makes it easy to set up and deploy autonomous missions.

INCLUDED SENSORS

- Long Range WiFi and LTE Radio
- Dual Antenna RTK GNSS
- 3D Directional LiDAR
- 2x Depth Cameras

EXAMPLE APPLICATIONS

- Autonomous Inspection
- Autonomous Data Collection
- Autonomous Surveillance and Monitoring
- Autonomous Material Transport

OTHER PACKAGES

Turnkey configuration packages offer everything needed to get started quickly. Additional sensors can be added or substituted upon request. Contact our team to learn about our custom integration services.



MANIPULATOR PACKAGE

- Franka Research 3 Manipulator and Control Box
- ROS 2 / MoveIt 2 Interface



VISION PACKAGE

- 2X StereoLabs Zed2 / ZedX Stereo Cameras
- Ouster OS1-64 Spinning LiDAR

CONTACT US FOR MORE INFORMATION

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